

AMENDMENTS TO THE DRAWINGS

The attached sheets of drawings include changes to Figures 2-5, 5B, and 7.

Attachments: Replacement Sheets

REMARKS

Claims 29-47 and 51-64 are pending; claims 1-28, 48-50 and 65-74 were withdrawn from consideration; and claims 29-47 and 51-64 stand allowed. By virtue of this response, claims 1-28, 48-50 and 65-74 have been cancelled, claims 29 and 51 have been amended, and no new claims have been added. Accordingly, claims 29-47 and 51-64 are currently under consideration.

For the Examiner's convenience, Applicants' remarks are presented in the same order in which they were raised in the Office Action.

Election/Restrictions

This application is in condition for allowance except for the presence of claims 1-28, 48-50 and 65-74 to an invention non-elected with traverse in the reply filed on 10/5/05. Accordingly, Applicants have cancelled claims 1-28, 48-50 and 65-74 herein.

Abstract

In response to the objection to the Abstract, Applicants submit a new Abstract herein. The Abstract is a single paragraph and less than 150 words.

Drawings

Applicants have amended Figures 2-5 and 5B to include the legend "Prior Art". Accordingly, this objection should be withdrawn.

The drawings are further objected to under 37 CFR 1.83(a) for not showing the claim feature "a system for using the sensor signal to adjust..." as recited in claim 51. Applicants have amended Fig. 7 and the specification herein to include a "controller system 772" which receives a sensor signal from sensor 771, and for which is used to adjust the catalyst inlet gas temperature as recited in claim 51. Support for the amendment to Fig. 7 and the specification may be found, for example, in the claims as originally presented. Accordingly, no new matter has been added.

Claims

Claims 29 and 51 recite the limitation "the catalyst inlet gas temperature," and are rejected because there is insufficient antecedent basis for this limitation in the claims.

Applicants have amended the claims herein accordingly and request the rejection be withdrawn.

CONCLUSION

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 220772009200. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

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Respectfully submitted,

By

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